For Research Use Only.
Not for use in diagnostic procedures.

Normal Goat IgG

CODE No.	PM094
CLONALITY	Polyclonal
ISOTYPE	Goat IgG
QUANTITY	100 μL, 5 mg/mL
SOURCE	Purified IgG from normal goat serum
REACYIVITY	No specific reaction was detected on Immunocytochemistry.
FORMULATION	PBS containing 50% glycerol (pH 7.2). No preservative is contained.
STORAGE	This antibody solution is stable for one year from the date of purchase when stored at -20°C.

APPLICATION

Immunocytochemistry

This antibody can be used as a negative control.
The concentration will depend on the conditions.

For more information, please visit our web site **http://ruo.mbl.co.jp/**.

MEDICAL & BIOLOGICAL LABORATORIES CO., LTD.
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RELATED PRODUCTS

Purified antibodies

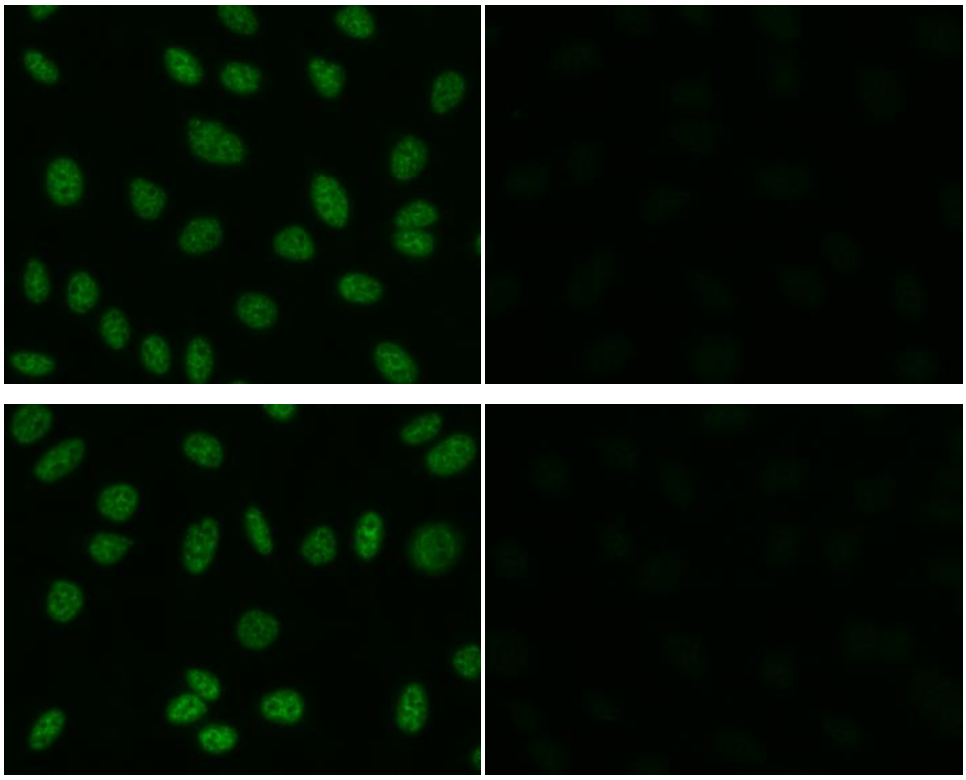
M075-3	Mouse IgG1 (isotype control) (2E12)
M075-4	Mouse IgG1 (isotype control)-FITC (2E12)
M075-5	Mouse IgG1 (isotype control)-PE (2E12)
M075-6	Mouse IgG1 (isotype control)-Biotin (2E12)
M075-8	Mouse IgG1 (isotype control)-Agarose (2E12)
M075-11	Mouse IgG1 (isotype control)-Magnetic Beads (2E12)
M075-12	Mouse IgG1 (isotype control)-ALP (2E12)
M075-A48	Mouse IgG1 (isotype control)-Alexa Fluor® 488 (2E12)
M075-A64	Mouse IgG1 (isotype control)-Alexa Fluor® 647 (2E12)
M076-3	Mouse IgG2a (isotype control) (6H3)
M076-4	Mouse IgG2a (isotype control)-FITC (6H3)
M076-5	Mouse IgG2a (isotype control)-PE (6H3)
M076-6	Mouse IgG2a (isotype control)-Biotin (6H3)
M076-11	Mouse IgG2a (isotype control)-Magnetic Beads (6H3)
M076-12	Mouse IgG2a (isotype control)-ALP (6H3)
M076-A48	Mouse IgG2a (isotype control)-Alexa Fluor® 488 (6H3)
M076-A64	Mouse IgG2a (isotype control)-Alexa Fluor® 647 (6H3)
M077-3	Mouse IgG2b (isotype control) (3D12)
M077-4	Mouse IgG2b (isotype control)-FITC (3D12)
M077-5	Mouse IgG2b (isotype control)-PE (3D12)
M077-6	Mouse IgG2b (isotype control)-Biotin (3D12)
M077-11	Mouse IgG2b (isotype control)-Magnetic Beads (3D12)
M077-12	Mouse IgG2b (isotype control)-ALP (3D12)
M077-A48	Mouse IgG2b (isotype control)-Alexa Fluor® 488 (3D12)
M077-A64	Mouse IgG2b (isotype control)-Alexa Fluor® 647 (3D12)
M078-3	Mouse IgG3 (isotype control) (6A3)
M078-4	Mouse IgG3 (isotype control)-FITC (6A3)
M078-6	Mouse IgG3 (isotype control)-Biotin (6A3)
M079-3	Mouse IgM (isotype control) (7E10)
M080-3	Rat IgG1 (isotype control) (1H5)
M080-4	Rat IgG1 (isotype control)-FITC (1H5)
M080-5	Rat IgG1 (isotype control)-PE (1H5)
M080-A48	Rat IgG1 (isotype control)-Alexa Fluor® 488 (1H5)
M080-A64	Rat IgG1 (isotype control)-Alexa Fluor® 647 (1H5)
M081-3	Rat IgG2a (isotype control) (2H3)
M081-4	Rat IgG2a (isotype control)-FITC (2H3)
M081-5	Rat IgG2a (isotype control)-PE (2H3)
M081-8	Rat IgG2a (isotype control)-Agarose (2H3)
M081-11	Rat IgG2a (isotype control)-Magnetic Beads (2H3)
M081-A48	Rat IgG2a (isotype control)-Alexa Fluor® 488 (2H3)
M081-A64	Rat IgG2a (isotype control)-Alexa Fluor® 647 (2H3)
M082-3	Rat IgG2c (isotype control) (6E12)
M082-4	Rat IgG2c (isotype control)-FITC (6E12)
M090-3	Rat IgG2b (isotype control) (3G8)
M090-4	Rat IgG2b (isotype control)-FITC (3G8)
M090-5	Rat IgG2b (isotype control)-PE (3G8)
M090-A48	Rat IgG2b (isotype control)-Alexa Fluor® 488 (3G8)
M090-A64	Rat IgG2b (isotype control)-Alexa Fluor® 647 (3G8)
PM035	Normal Rabbit IgG (polyclonal)
PM035-8	Normal Rabbit IgG-Agarose (polyclonal)
PM067	Normal Guinea Pig IgG (polyclonal)
M189-3	Syrian Hamster IgG (isotype control)
M199-3	Armenian Hamster IgG (isotype control)
PM084	Normal Chicken IgY (polyclonal)
PM084-4	Normal Chicken IgY-FITC (polyclonal)
PM084-5	Normal Chicken IgY-PE (polyclonal)
PM089	Normal Sheep IgG (polyclonal)
PM094	Normal Goat IgG (polyclonal)

Functional grade antibodies

M075-3M2	Mouse IgG1 (isotype control) (2E12)
M076-3M2	Mouse IgG2a (isotype control) (6H3)
M077-3M2	Mouse IgG2b (isotype control) (3D12)
M078-3M2	Mouse IgG3 (isotype control) (6A3)
M079-3M2	Mouse IgM (isotype control) (7E10)
M080-3M2	Rat IgG1 (isotype control) (1H5)
M081-3M2	Rat IgG2a (isotype control) (2H3)
M090-3M2	Rat IgG2b (isotype control) (3G8)

Immunocytochemistry

1) Culture the cells in the appropriate condition on a glass slide. (for example, spread 1 x 10^4 cells per one well, then incubate in a CO_2 incubator for one night.)
2) Fix the cells by immersing the slide in Acetone for 10 minutes on ice.
3) Air dry the slides.
4) Incubate the cells with 1:20 of human serum for 30 min. at 37°C.
5) Prepare a wash container such as a 500 mL beaker with a magnetic stirrer. Wash the slides by soaking the slide with a plenty of PBS in the wash container. Take care not to touch the cells. Repeat another wash once more (15 min x 1 time).
6) Incubate the cells with 50 or 100 μg/mL of Anti-IgG (γ chain) (Human) pAb (MBL; code no. 103AG) or Normal Goat IgG (MBL; code no. PM094) diluted with PBS for 30 min. at 37°C.
7) Wash the slides in a plenty of PBS as in step 5).
8) Incubate the cells with 1:40 of Anti-IgG (Goat) pAb-FITC (MBL; code no. 544) for 30 min. at 37°C.
9) Wash the slides in a plenty of PBS as in step 5).
10) Now ready for mounting.



Immunocytochemical detection of antinuclear antibodies in human serum

Cells: HEp-2

Secondary antibody:
Left; Anti-IgG (Human) pAb (103AG)
Right; Normal Goat IgG (PM094)

Concentrations of Secondary antibodies:
Upper; 50 μg/mL
Lower; 100 μg/mL